

FIG. 1

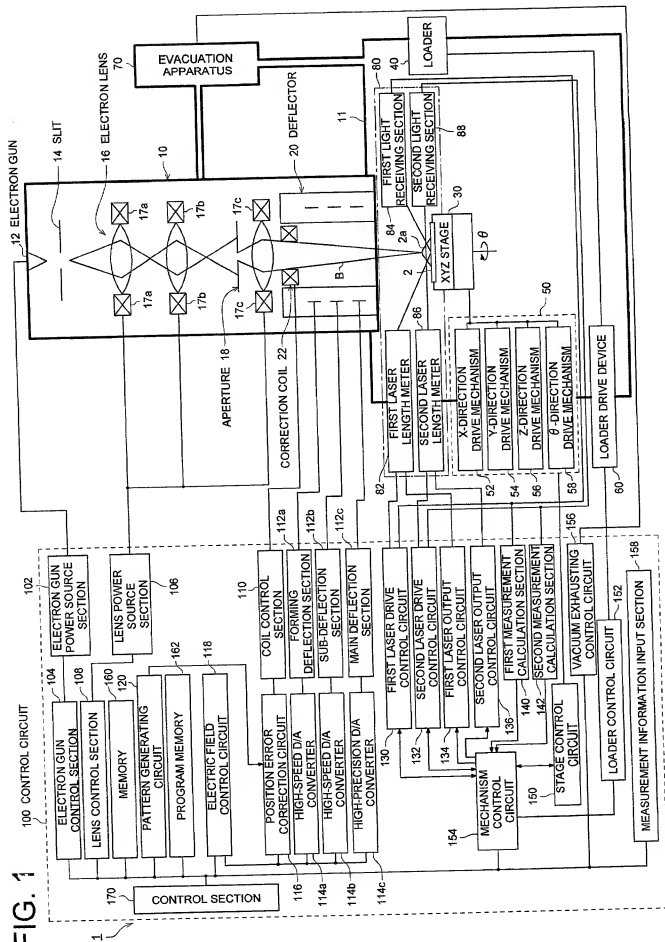


FIG. 2 (A)

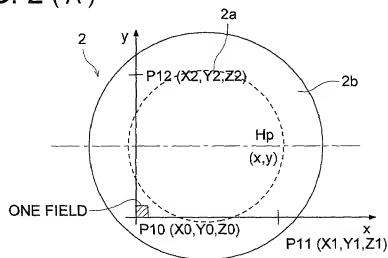


FIG. 2 (B)

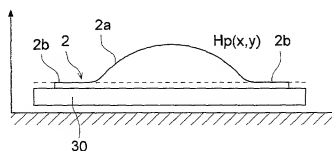


FIG. 2 (C)

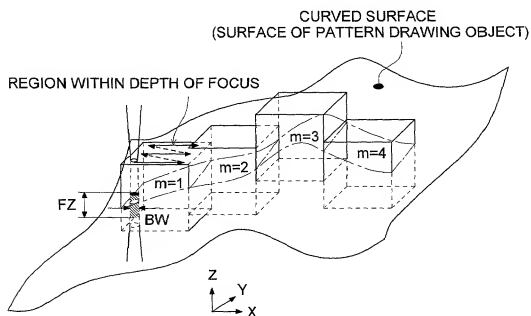


FIG. 3

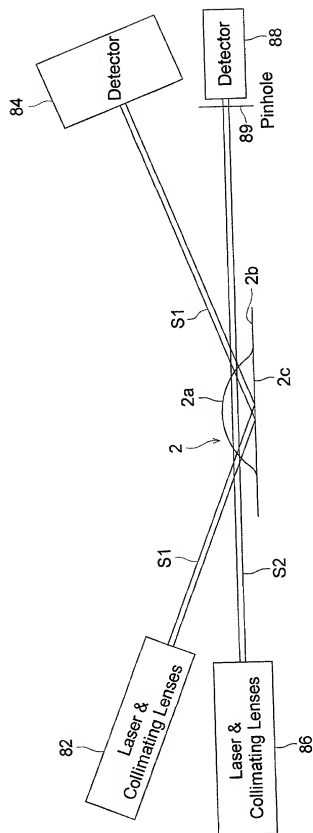


FIG. 4

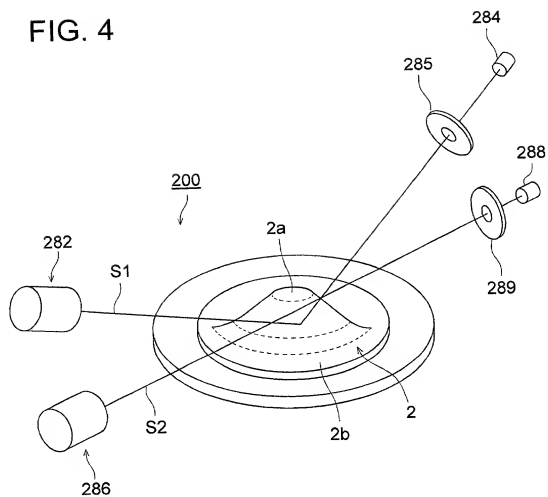


FIG. 5 (A)

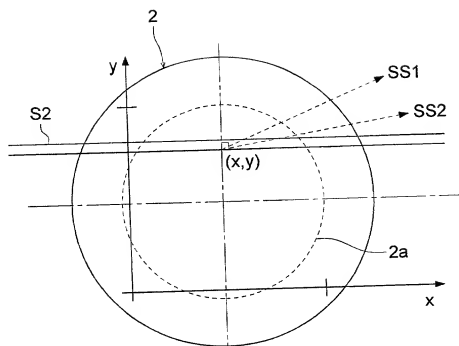


FIG. 5 (B)

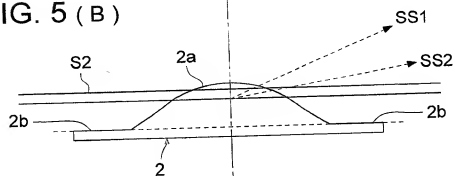


FIG. 5 (C)

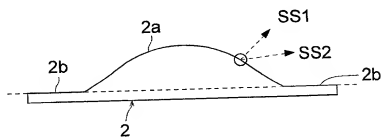


FIG. 6

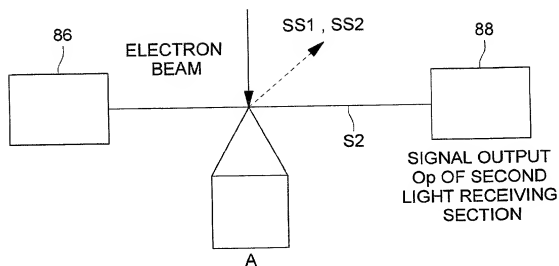


FIG. 7

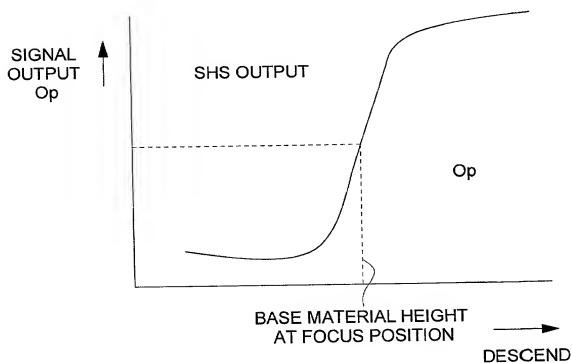
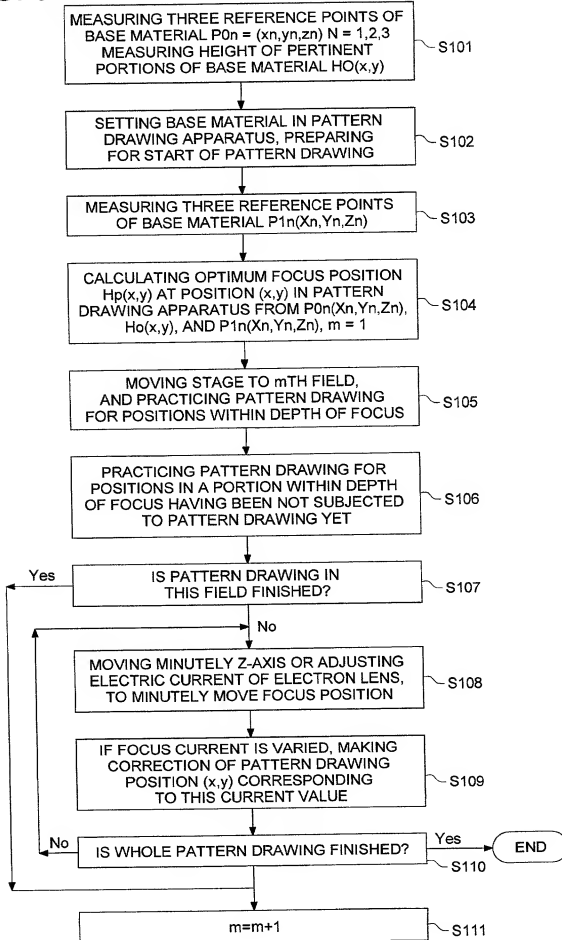
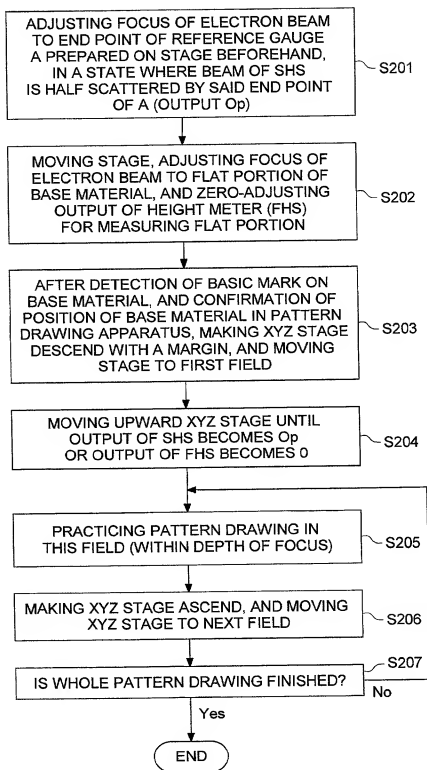


FIG. 8



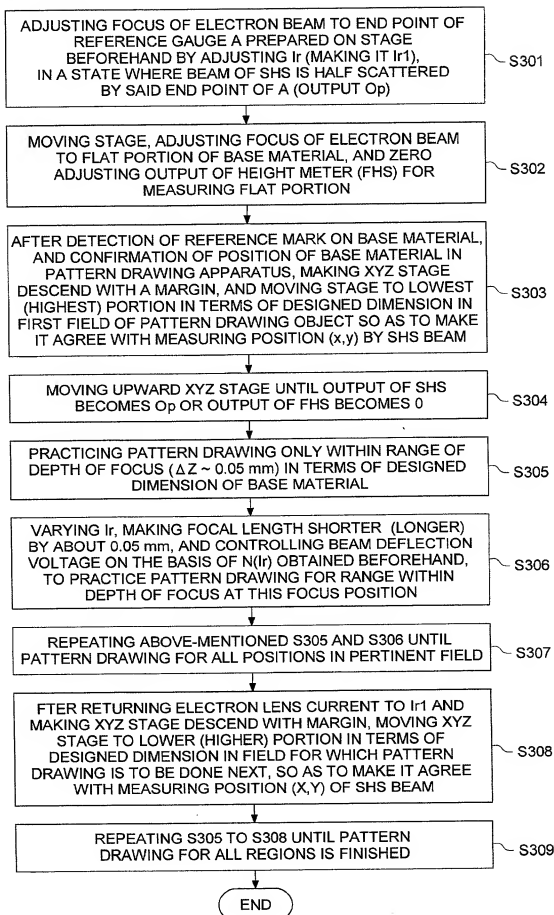
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FIG. 9



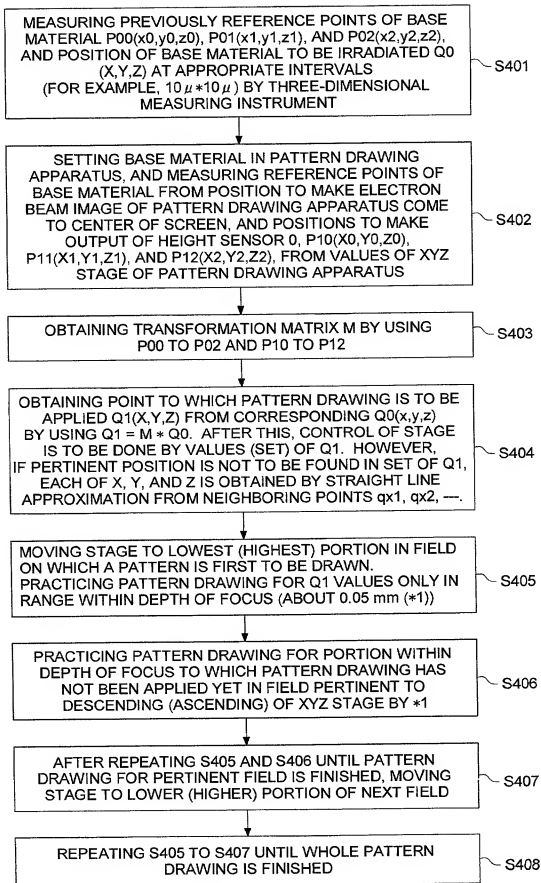
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FIG. 10



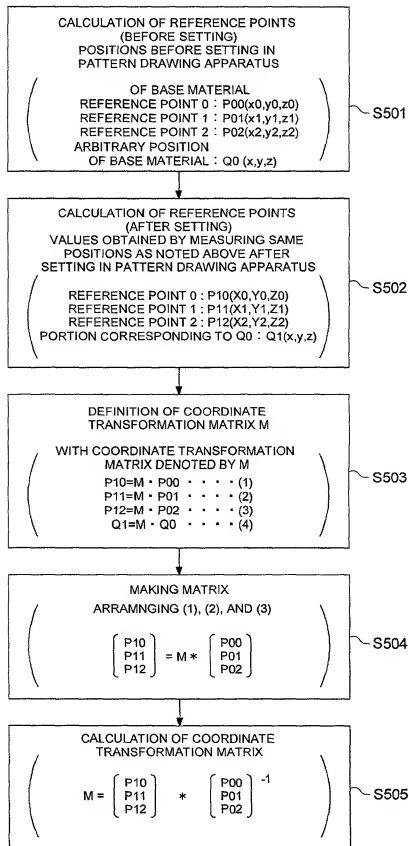
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FIG. 11



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FIG. 12



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FIG. 13 (A)



FIG. 13 (B)

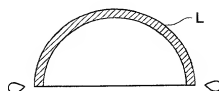


FIG. 13 (C)

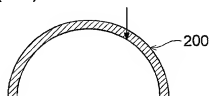


FIG. 13 (D)



FIG. 13 (E)

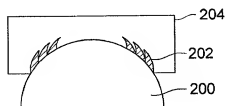


FIG. 13 (F)

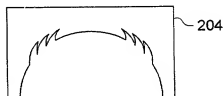
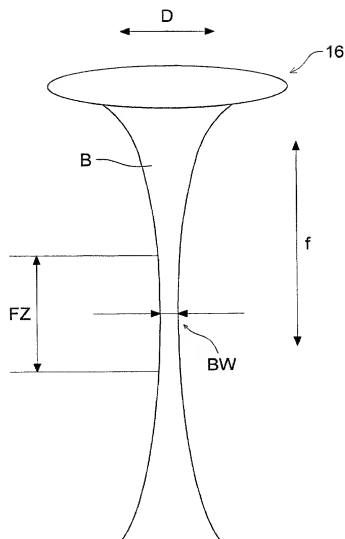
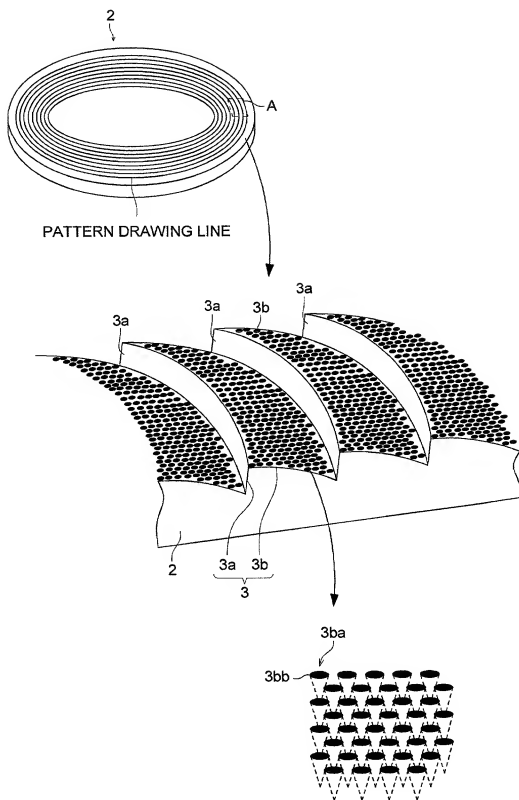


FIG. 14



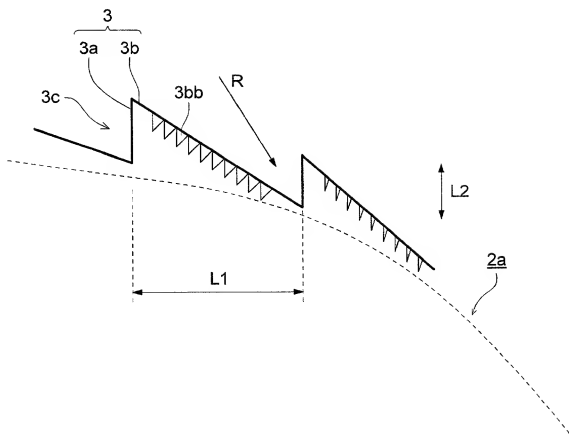
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FIG. 15



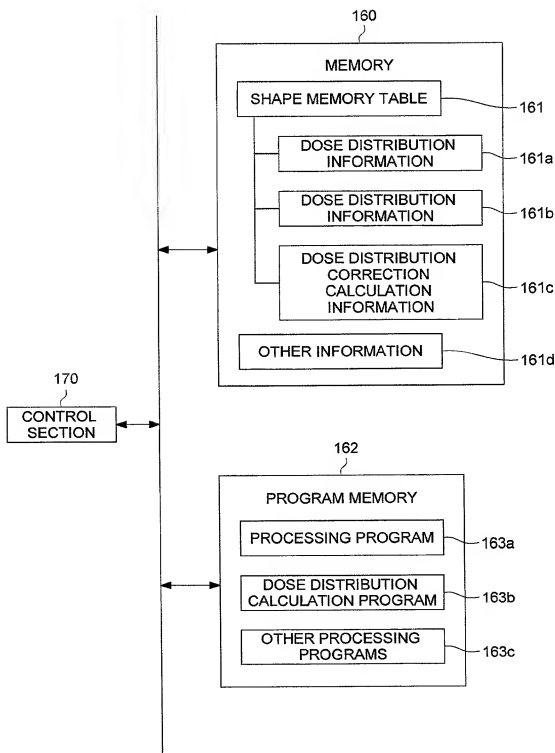
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FIG. 16



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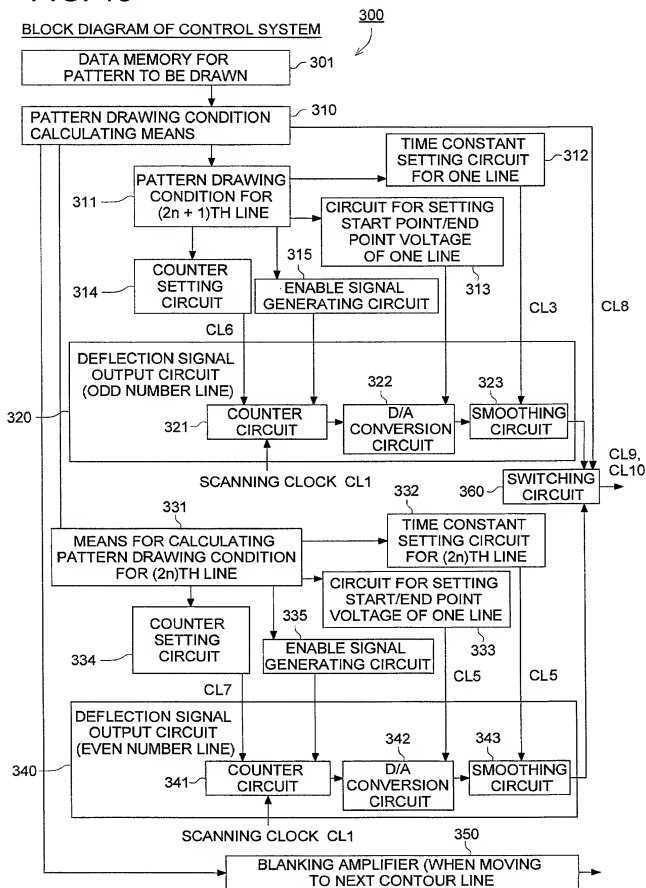
FIG. 17



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FIG. 18

BLOCK DIAGRAM OF CONTROL SYSTEM



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FIG. 19

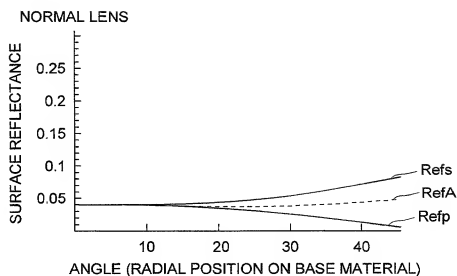


FIG. 20

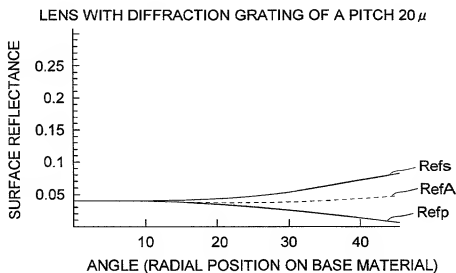


FIG. 21

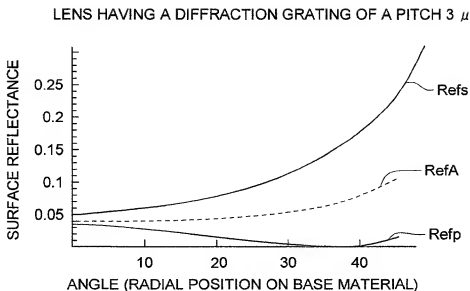


FIG. 22

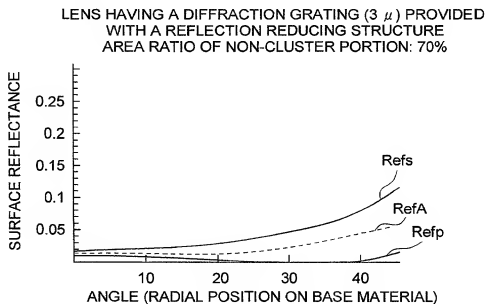


FIG. 23

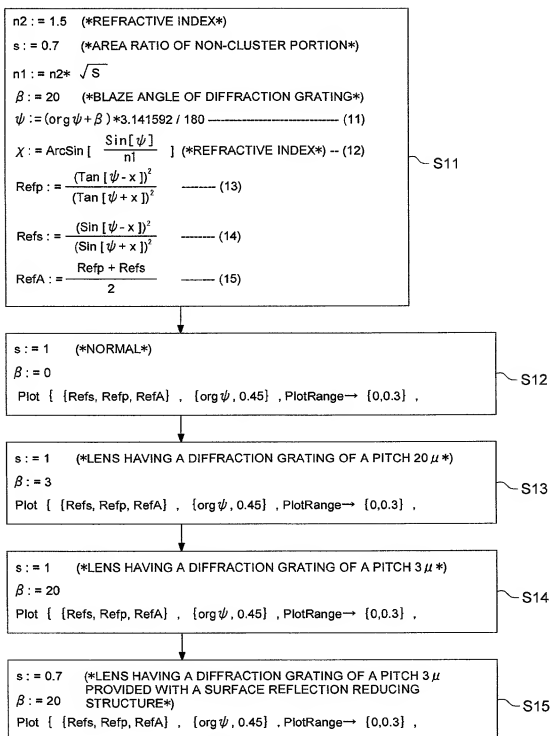
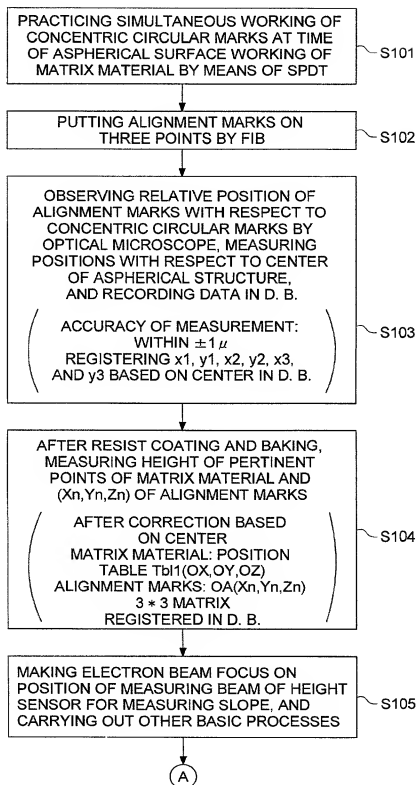
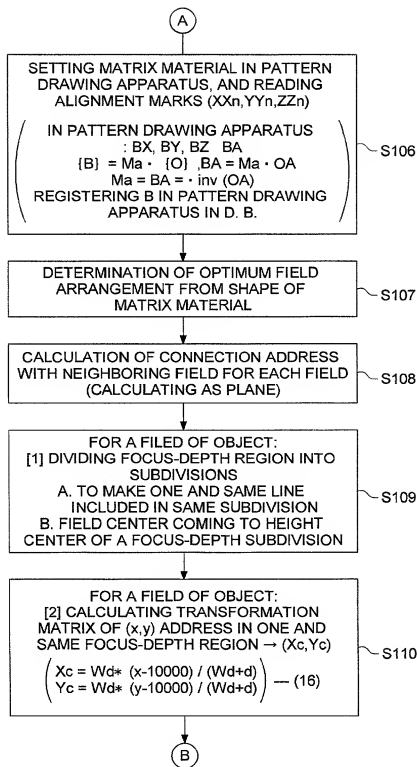


FIG. 24



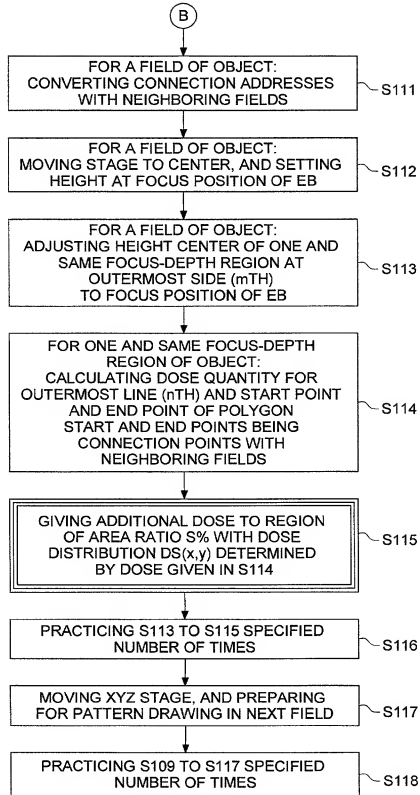
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FIG. 25



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FIG. 26



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FIG. 27 (A)

PATTERN TO BE DRAWN

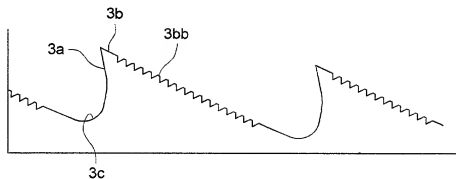


FIG. 27 (B)

DOSE DISTRIBUTION

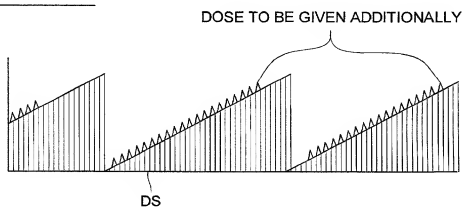


FIG. 28 (A)



FIG. 28 (B)

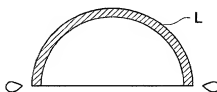


FIG. 28 (C)

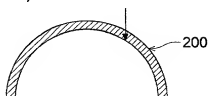


FIG. 28 (D)

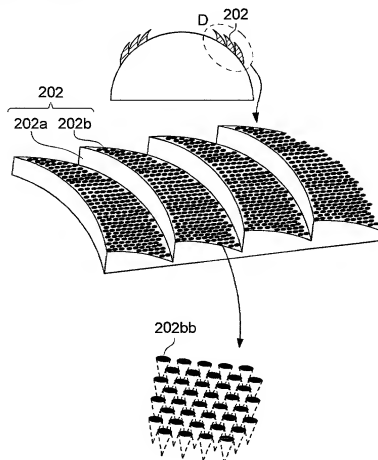


FIG. 29 (A)

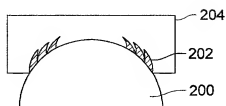


FIG. 29 (B)

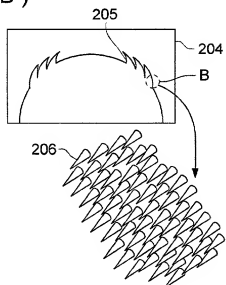


FIG. 29 (C)

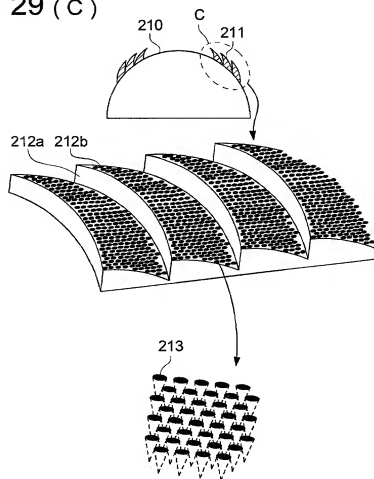
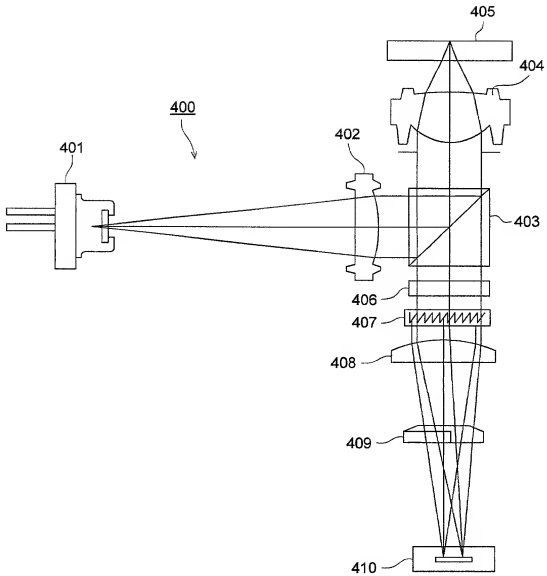
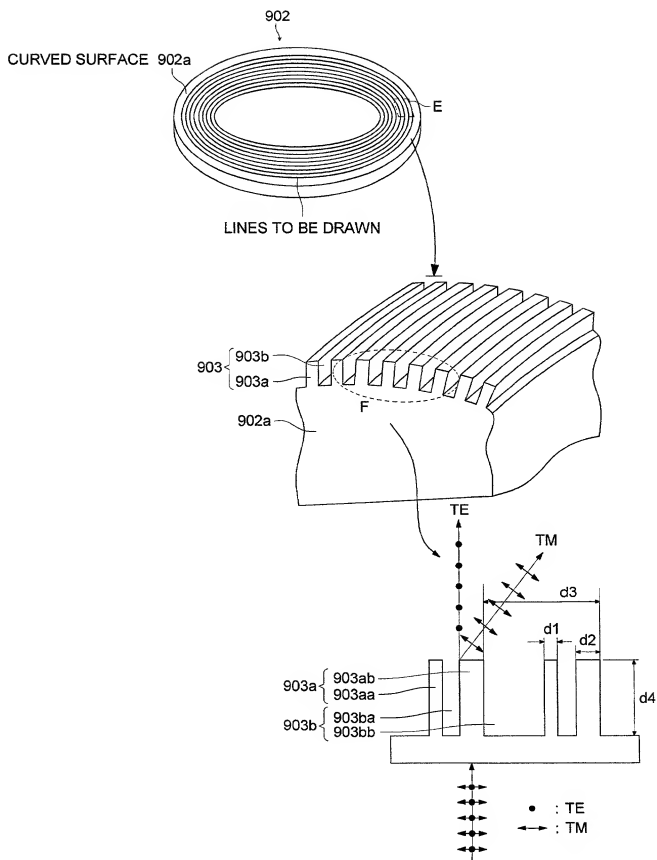


FIG. 30



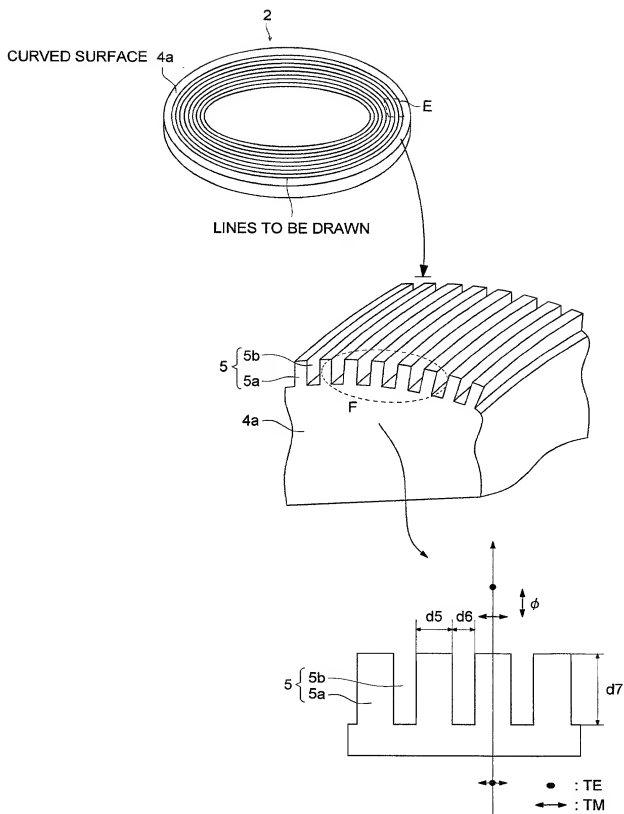
10080633-071102

FIG. 31



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FIG. 32



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FIG. 33

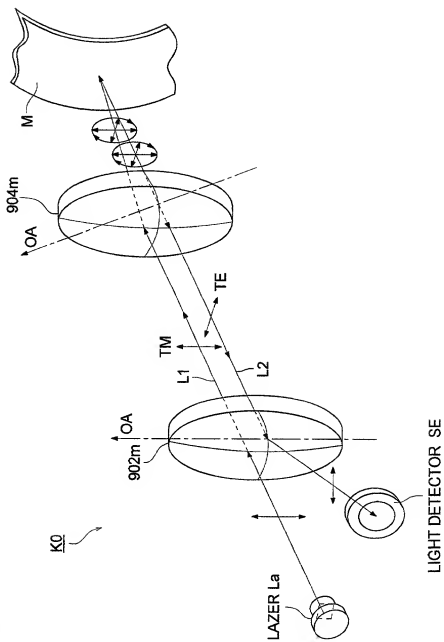


FIG. 34 ( A )

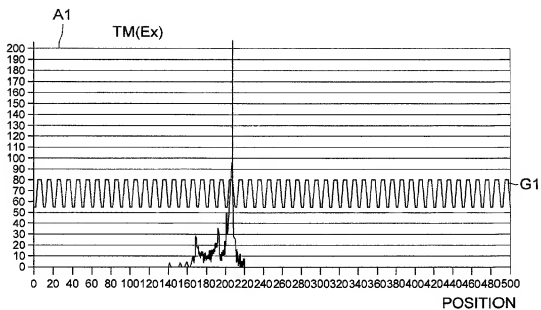
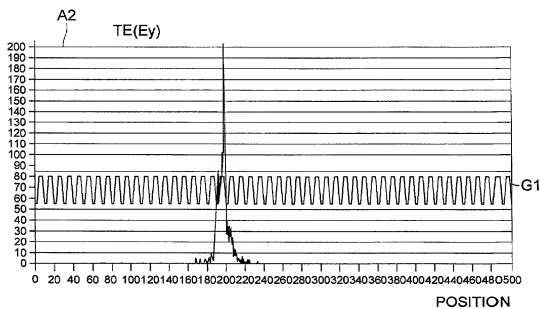


FIG. 34 ( B )



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FIG. 35 (A)

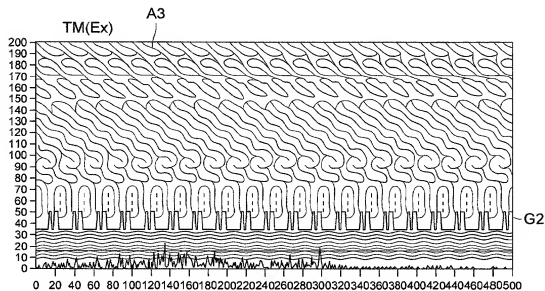


FIG. 35 (B)

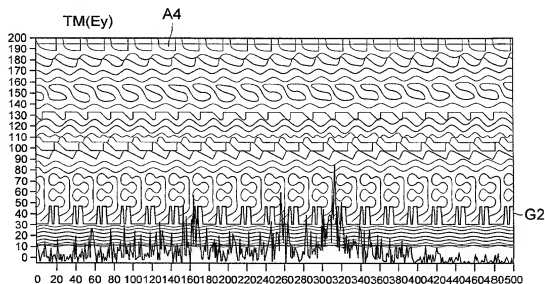


FIG. 36

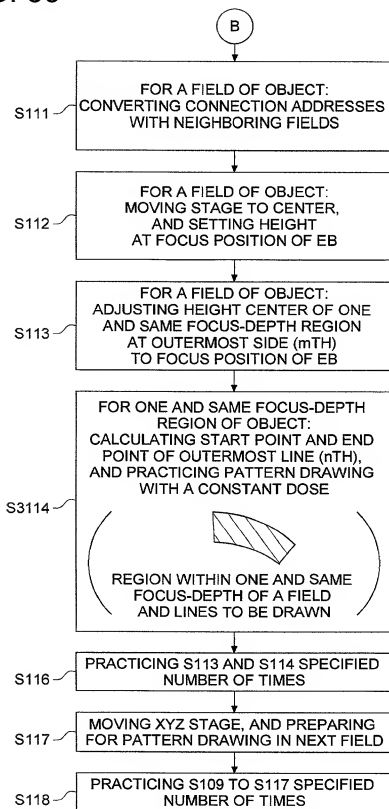


FIG. 37 (A)

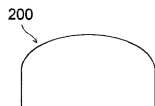


FIG. 37 (B)

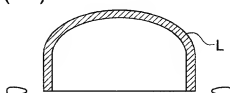


FIG. 37 (C)

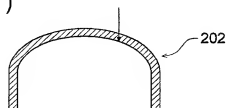


FIG. 37 (D)

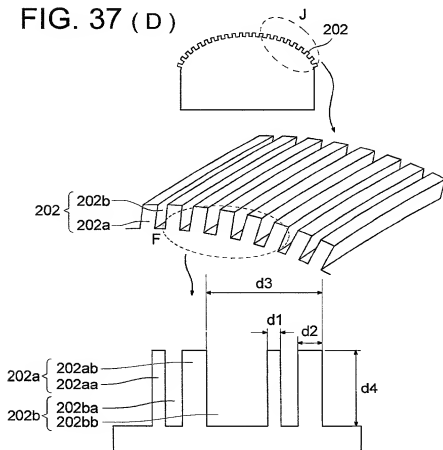


FIG. 38 (A)

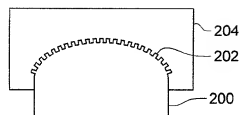


FIG. 38 (B)

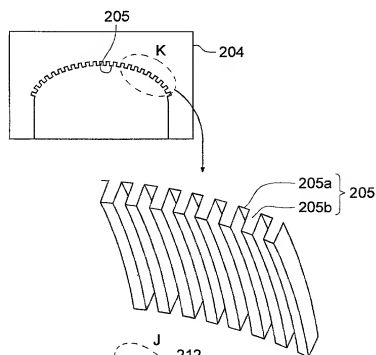


FIG. 38 (C)

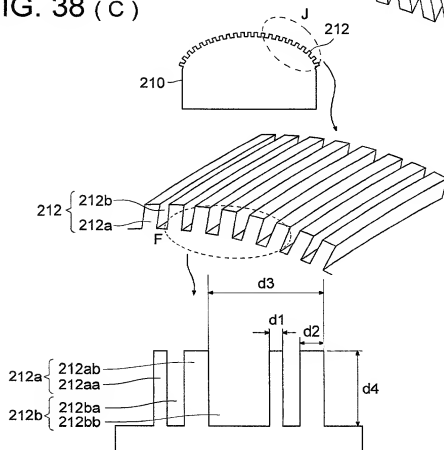


FIG. 39 (A)

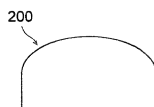


FIG. 39 (B)

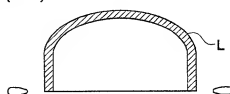


FIG. 39 (C)

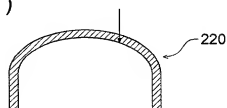


FIG. 39 (D)

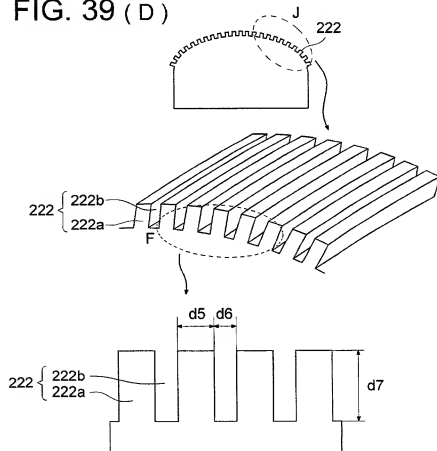


FIG. 40 (A)

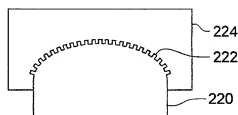


FIG. 40 (B)

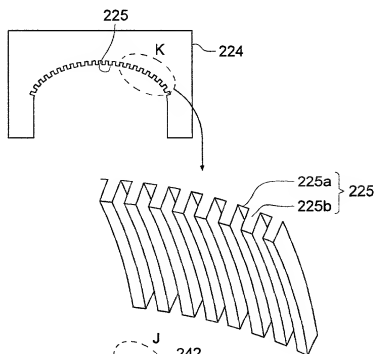


FIG. 40 (C)

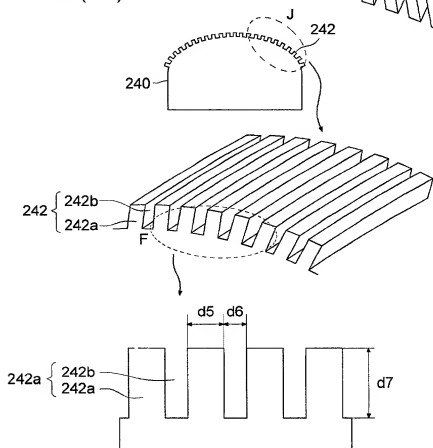
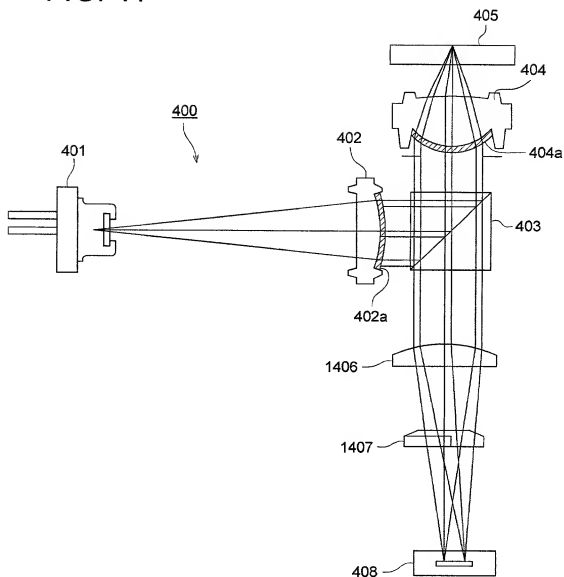


FIG. 41



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FIG. 42

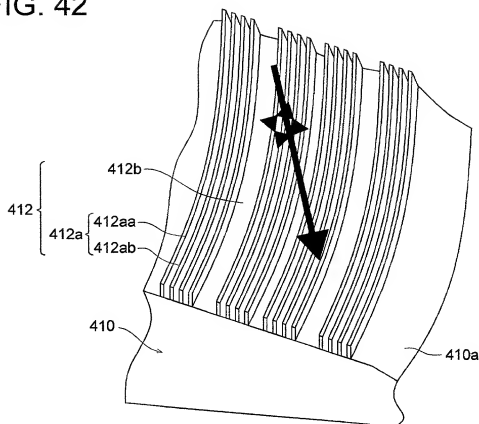


FIG. 43

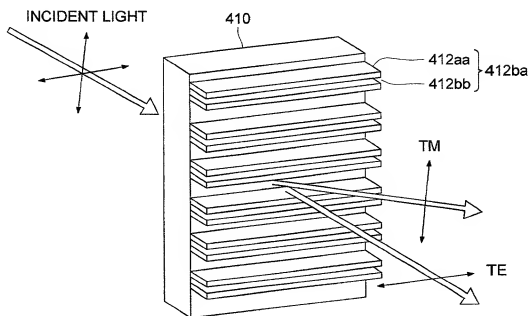


FIG. 44

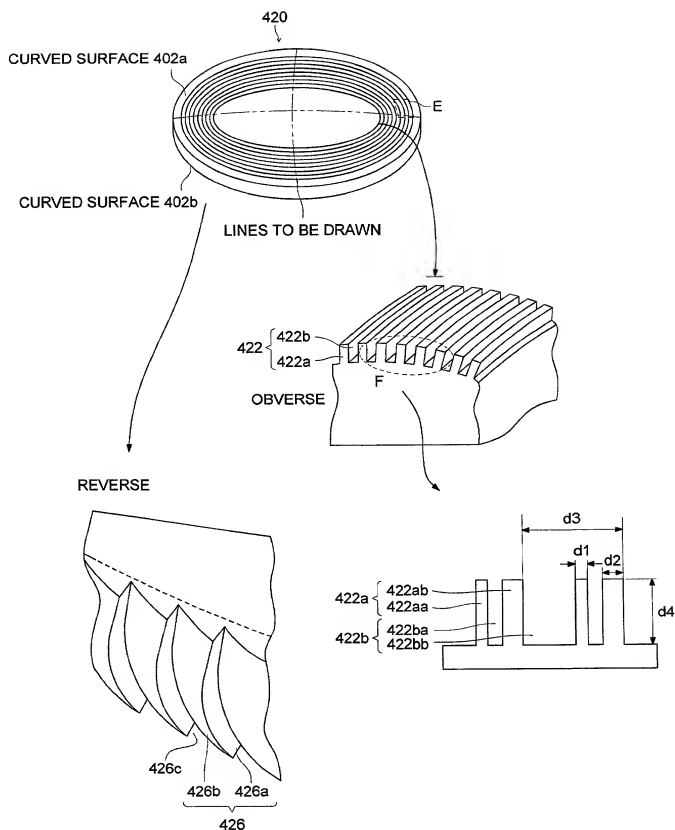


FIG. 45 (A)

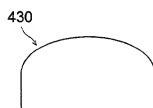


FIG. 45 (B)

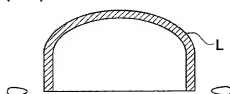


FIG. 45 (C)

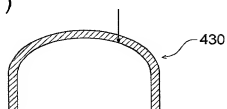


FIG. 45 (D)

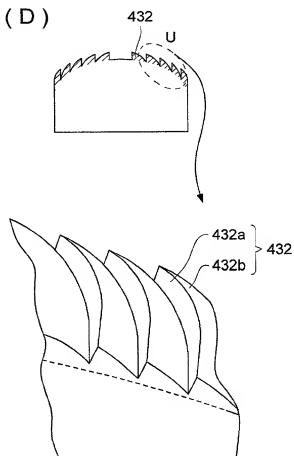


FIG. 46 (A)

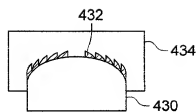


FIG. 46 (B)

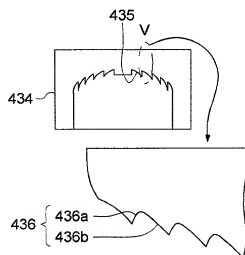


FIG. 46 (C)

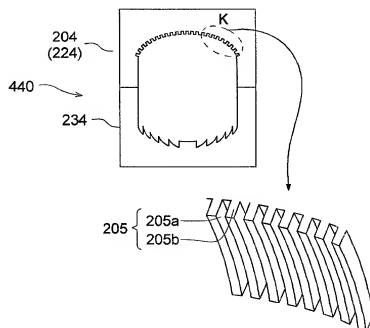


FIG. 47

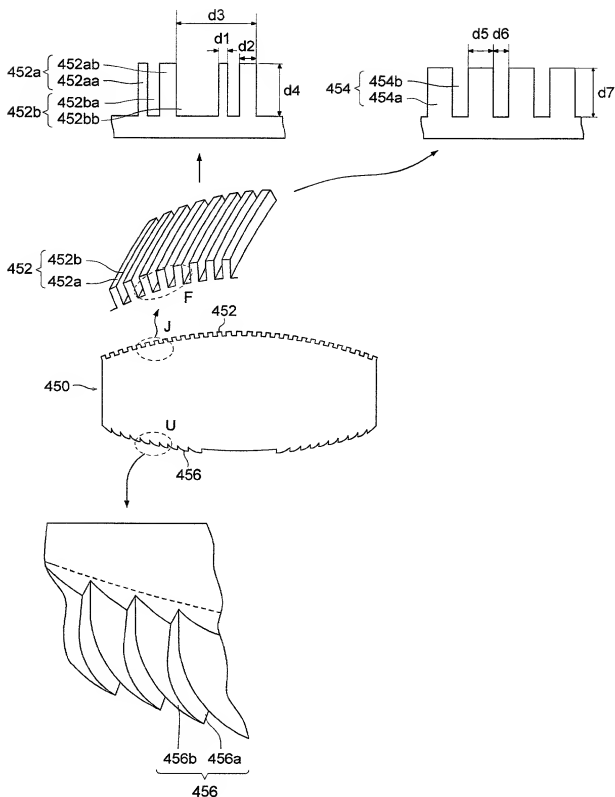


FIG. 48

